WEST Search History for Application 10579640

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Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
chlorate or nitrate	PGPB, USPT	ADJ	YES		01-31-2010
saline or brine or (solution same (sodium chloride))	PGPB, USPT	ADJ	YES		01-31-2010
bacteria or (bacteria$6 degradation)	PGPB, USPT	ADJ	YES		01-31-2010
(bacteria or (bacteria$6 degradation)) same (saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		01-31-2010
(bacteria or (bacteria$6 degradation)) same (chlorate or nitrate)	PGPB, USPT	ADJ	YES		01-31-2010
(bacteria or (bacteria$6 degradation) same chlorate or nitrate) same (bacteria or (bacteria$6 degradation) same saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		01-31-2010
(bacteria or (bacteria$6 degradation) same chlorate or nitrate same bacteria or (bacteria$6 degradation) same saline or brine or (solution same (sodium chloride))) and (6077429.Pn.)	PGPB, USPT	ADJ	YES		01-31-2010
6077429.Pn.	PGPB, USPT	ADJ	YES		01-31-2010
(6077429.Pn.) and (bacteria or (bacteria$6 degradation) same chlorate or nitrate same bacteria or (bacteria$6 degradation) same saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		01-31-2010
(6077429.Pn.) and (chlorate or nitrate)	PGPB, USPT	ADJ	YES		01-31-2010
(6077429.Pn. and chlorate or nitrate) and (saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		01-31-2010
(6077429.Pn. and chlorate or nitrate) and (bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES		01-31-2010
(sodium chloride) or brine	PGPB, USPT	ADJ	YES		01-31-2010

((sodium chloride) or brine) and (6077429.Pn. and chlorate or nitrate and bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES	01-31-2010
(sodium chloride)	PGPB, USPT	ADJ	YES	01-31-2010
(6077429.Pn. and chlorate or nitrate and bacteria or (bacteria$6 degradation)) and ((sodium chloride))	PGPB, USPT	ADJ	YES	01-31-2010
Column or reactor	PGPB, USPT	ADJ	YES	01-31-2010
(Column or reactor) and (6077429.Pn. and chlorate or nitrate and bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES	01-31-2010
chlorate or nitrate	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
saline or brine or (solution and(sodium chloride))	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
bacteria or (bacteria$6 degradation)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
Column or reactor	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(ion- exchange or (ion exchange)) column	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(chlorate or nitrate) and ((ion- exchange or (ion exchange)) column)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column) and (Column or reactor)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor) same (bacteria or (bacteria$6 degradation))	USOC, EPAB, JPAB,	ADJ	YES	01-31-2010

	DWPI			
(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor) and (bacteria or (bacteria$6 degradation))	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation)) and (saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
cation or Magnesium or barium or calcium or strontium	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(cation or Magnesium or barium or calcium or strontium) and (chlorate or nitrate and (ion- exchange or (ion exchange) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(cation monovalent) or sodium or potassium or lithium	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
anion	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
divalent cation	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(divalent cation) and (cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium) and (anion)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion) and ((cation monovalent) or sodium or potassium or lithium)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
		ADJ	YES	01-31-2010

(divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium) and (cation or Magnesium or barium or calcium or strontium and chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI			
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium) and (chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium) and (cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
((cation monovalent) or sodium or potassium or lithium) and (cation or Magnesium or barium or calcium or strontium and chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
((cation monovalent) or sodium or potassium or lithium and cation or Magnesium or barium or calcium or strontium and chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride))) and (divalent cation)	USOC, EPAB, JPAB, DWPI	ADJ	YES	01-31-2010
chlorate or nitrate	PGPB, USPT	ADJ	YES	05-20-2010
saline or brine or (solution same (sodium chloride))	PGPB, USPT	ADJ	YES	05-20-2010
bacteria or (bacteria$6 degradation)	PGPB, USPT	ADJ	YES	05-20-2010
(bacteria or (bacteria$6 degradation)) same (saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES	05-20-2010
(bacteria or (bacteria$6 degradation)) same (chlorate or nitrate)	PGPB, USPT	ADJ	YES	05-20-2010
		ADJ	YES	05-20-2010

(bacteria or (bacteria$6 degradation) same chlorate or nitrate) same (bacteria or (bacteria$6 degradation) same saline or brine or (solution same (sodium chloride)))	PGPB, USPT				
6077429.Pn.	PGPB, USPT	ADJ	YES		05-20-2010
(6077429.Pn.) and (chlorate or nitrate)	PGPB, USPT	ADJ	YES		05-20-2010
(6077429.Pn. and chlorate or nitrate) and (bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES		05-20-2010
Column or reactor	PGPB, USPT	ADJ	YES		05-20-2010
(Column or reactor) and (6077429.Pn. and chlorate or nitrate and bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES		05-20-2010
chlorate or nitrate	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
saline or brine or (solution and(sodium chloride))	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
bacteria or (bacteria$6 degradation)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
Column or reactor	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(ion- exchange or (ion exchange)) column	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(chlorate or nitrate) and ((ion- exchange or (ion exchange)) column)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column) and (Column or reactor)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010

(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor) and (bacteria or (bacteria$6 degradation))	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation)) and (saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
cation or Magnesium or barium or calcium or strontium	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(cation or Magnesium or barium or calcium or strontium) and (chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(cation monovalent) or sodium or potassium or lithium	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
anion	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
divalent cation	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(divalent cation) and (cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium) and (anion)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion) and ((cation monovalent) or sodium or potassium or lithium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium) and	USOC, EPAB, JPAB,	ADJ	YES		05-20-2010

(cation or Magnesium or barium or calcium or strontium)	DWPI			
((cation monovalent) or sodium or potassium or lithium) and (cation or Magnesium or barium or calcium or strontium and chlorate or nitrate and (ion-exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES	05-20-2010
perchlorate $7degrad$8	PGPB, USPT	ADJ	YES	05-20-2010
biodegrad$ or (wastewATER TREAT$9)	PGPB, USPT	ADJ	YES	05-20-2010
(biodegrad$ or (wastewATER TREAT$9)) SAME (Column or reactor)	PGPB, USPT	ADJ	YES	05-20-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor) SAME (chlorate or nitrate)	PGPB, USPT	ADJ	YES	05-20-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate) SAME (saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES	05-20-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate) SAME LL31	PGPB, USPT	ADJ	YES	05-20-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate) SAME (perchlorate $7degrad$8)	PGPB, USPT	ADJ	YES	05-20-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate SAME perchlorate $7degrad$8) SAME (biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate SAME saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES	05-20-2010
biodegrad$ or (wastewATER TREAT$9)	USOC, EPAB, JPAB, DWPI	ADJ	YES	05-20-2010
perchlorate $7degrad$8L39	USOC, EPAB, JPAB, DWPI	ADJ	YES	05-20-2010
perchlorate AND $7degrad$8L39	USOC, EPAB, JPAB,	ADJ	YES	05-20-2010

	DWPI				
perchlorate	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(perchlorate) AND (biodegrad$ or (wastewATER TREAT$9))	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(perchlorate AND biodegrad$ or (wastewATER TREAT$9)) AND (divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium and cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
(perchlorate AND biodegrad$ or (wastewATER TREAT$9)) AND (divalent cation and cation or Magnesium or barium or calcium or strontium and anion)	USOC, EPAB, JPAB, DWPI	ADJ	YES		05-20-2010
chlorate or nitrate	PGPB, USPT	ADJ	YES		10-22-2010
saline or brine or (solution same (sodium chloride))	PGPB, USPT	ADJ	YES		10-22-2010
bacteria or (bacteria$6 degradation)	PGPB, USPT	ADJ	YES		10-22-2010
(bacteria or (bacteria$6 degradation)) same (saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		10-22-2010
(bacteria or (bacteria$6 degradation)) same (chlorate or nitrate)	PGPB, USPT	ADJ	YES		10-22-2010
(bacteria or (bacteria$6 degradation) same chlorate or nitrate) same (bacteria or (bacteria$6 degradation) same saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		10-22-2010
6077429.Pn.	PGPB, USPT	ADJ	YES		10-22-2010
(6077429.Pn.) and (chlorate or nitrate)	PGPB, USPT	ADJ	YES		10-22-2010
(6077429.Pn. and chlorate or nitrate) and (bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES		10-22-2010
Column or reactor	PGPB, USPT	ADJ	YES		10-22-2010

(Column or reactor) and (6077429.Pn. and chlorate or nitrate and bacteria or (bacteria$6 degradation))	PGPB, USPT	ADJ	YES	10-22-2010
chlorate or nitrate	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
saline or brine or (solution and(sodium chloride))	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
bacteria or (bacteria$6 degradation)	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
Column or reactor	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
(ion- exchange or (ion exchange)) column	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
(chlorate or nitrate) and ((ion- exchange or (ion exchange)) column)	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column) and (Column or reactor)	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor) and (bacteria or (bacteria$6 degradation))	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
(chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation)) and (saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
cation or Magnesium or barium or calcium or strontium	USOC, EPAB, JPAB, DWPI	ADJ	YES	10-22-2010
		ADJ	YES	10-22-2010

(cation or Magnesium or barium or calcium or strontium) and (chlorate or nitrate and (ion- exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI				
(cation monovalent) or sodium or potassium or lithium	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
anion	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
divalent cation	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(divalent cation) and (cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium) and (anion)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion) and ((cation monovalent) or sodium or potassium or lithium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium) and (cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
((cation monovalent) or sodium or potassium or lithium) and (cation or Magnesium or barium or calcium or strontium and chlorate or nitrate and (ion-exchange or (ion exchange)) column and Column or reactor and bacteria or (bacteria$6 degradation) and saline or brine or (solution and(sodium chloride)))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
perchlorate $7degrad$8	PGPB, USPT	ADJ	YES		10-22-2010
biodegrad$ or (wastewATER TREAT$9)	PGPB, USPT	ADJ	YES		10-22-2010

(biodegrad$ or (wastewATER TREAT$9)) SAME (Column or reactor)	PGPB, USPT	ADJ	YES		10-22-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor) SAME (chlorate or nitrate)	PGPB, USPT	ADJ	YES		10-22-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate) SAME (saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		10-22-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate) SAME (perchlorate $7degrad$8)	PGPB, USPT	ADJ	YES		10-22-2010
(biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate SAME perchlorate $7degrad$8) SAME (biodegrad$ or (wastewATER TREAT$9) SAME Column or reactor SAME chlorate or nitrate SAME saline or brine or (solution same (sodium chloride)))	PGPB, USPT	ADJ	YES		10-22-2010
biodegrad$ or (wastewATER TREAT$9)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
perchlorate	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(perchlorate) AND (biodegrad$ or (wastewATER TREAT$9))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(perchlorate AND biodegrad$ or (wastewATER TREAT$9)) AND (divalent cation and cation or Magnesium or barium or calcium or strontium and anion and (cation monovalent) or sodium or potassium or lithium and cation or Magnesium or barium or calcium or strontium)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
brine or (sodium chloride)	PGPB, USPT	ADJ	YES		10-22-2010
("3 percent")	PGPB, USPT	ADJ	YES		10-22-2010
("10 percent")	PGPB, USPT	ADJ	YES		10-22-2010
(("10 percent")) same (("3 percent"))	PGPB, USPT	ADJ	YES		10-22-2010

(("10 percent") same ("3 percent")) same (perchlorate $7degrad$8)	PGPB, USPT	ADJ	YES		10-22-2010
(("10 percent") same ("3 percent")) same (perchlorate $7degrad$8)	PGPB, USPT	ADJ	YES		10-22-2010
(("10 percent") same ("3 percent")) same (biodegrad$ or (wastewATER TREAT$9))	PGPB, USPT	ADJ	YES		10-22-2010
(("10 percent") same ("3 percent")) and (perchlorate $7degrad$8)	PGPB, USPT	ADJ	YES		10-22-2010
brine or (sodium chloride)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
("3 percent")	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
("25 percent")	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(wastewater) or (waste water) or waste-water or (Brackish water)	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
((wastewater) or (waste water) or waste-water or (Brackish water)) and perchlorate	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
perchlorate or nitrate	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(perchlorate or nitrate) and ((wastewater) or (waste water) or waste-water or (Brackish water))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(perchlorate or nitrate and (wastewater) or (waste water) or waste-water or (Brackish water)) and (brine or (sodium chloride))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(brine or (sodium chloride)) and (("3 percent"))	USOC, EPAB,	ADJ	YES		10-22-2010

	JPAB, DWPI				
(brine or (sodium chloride)) and (("25 percent"))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(brine or (sodium chloride) and ("25 percent")) and (brine or (sodium chloride) and ("3 percent"))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010
(brine or (sodium chloride) and ("25 percent") and brine or (sodium chloride) and ("3 percent")) and (perchlorate or nitrate and (wastewater) or (waste water) or waste-water or (Brackish water))	USOC, EPAB, JPAB, DWPI	ADJ	YES		10-22-2010